Simple Redis

```
[root@dev adhamdockers]# vim Dockerfile
[root@dev adhamdockers]#
```

```dockerfile
FROM redis:latest
VOLUME /cont5
WORKDIR /redis_app
EXPOSE 6379
CMD ["redis-server"]
# to run redis
```

```
[root@dev adhamdockers]# docker build -t redis_img .
[+] Building 118.6s (6/6) FINISHED                                          docker:default
 => [internal] load build definition from Dockerfile                                  0.0
 => => transferring dockerfile: 196B                                                  0.0
 => [internal] load metadata for docker.io/library/redis:latest                       7.6
 => [internal] load .dockerignore                                                     0.0
 => => transferring context: 2B                                                       0.0
 => [1/2] FROM docker.io/library/redis:latest@sha256:af0be38eb8e43191bae9b03fe5c928803930b6f93e2dde3  110.7
 => => resolve docker.io/library/redis:latest@sha256:af0be38eb8e43191bae9b03fe5c928803930b6f93e2dde3a7  0.0
 => => sha256:5e00ad97561c34a8330c0eb8af76b04a6e84610f0d9cd55822c103ac247b1088 873B / 873B             0.6
 => => sha256:8f865c3d417cb3677441d4c527cd0c664e090ae51f7e5c837fdcf63f9863b0cb 1.44MB / 1.44MB        30.2
 => => sha256:af0be38eb8e43191bae9b03fe5c928803930b6f93e2dde3a7ad1165c04b1ce22 10.26kB / 10.26kB       0.0
 => => sha256:6c199afc1dae9c01ae5347c390d379912bb9d56ab37516ec8ad3fb6c4aebbbdd 8.70kB / 8.70kB         0.0
 => => sha256:92ef1eccbb9f0c2337e86a92a94b0f2cb943e57cf07cb4f6543cd987d0bf25a1 1.10kB / 1.10kB         0.4
 => => sha256:126cc4da63a39000ce527ae644b880d26608d27d8b7d35b3ee37670f5ee55eea 2.48kB / 2.48kB         0.0
 => => extracting sha256:92ef1eccbb9f0c2337e86a92a94b0f2cb943e57cf07cb4f6543cd987d0bf25a1              0.0
 => => sha256:74c736b00471cb302d7ede535b8eeb79a325fb394536cc0de4daf758d8bfafda 15.33MB / 15.33MB     109.7
 => => extracting sha256:5e00ad97561c34a8330c0eb8af76b04a6e84610f0d9cd55822c103ac247b1088              0.0
 => => sha256:928f5dbb5007e0a861e1dcc501806c042cf72546bf08d55c9812758f9df3b93f 96B / 96B               7.1
 => => sha256:4f4fb700ef54461cfa02571ae0db9a0dc1e0cdb5577484a6d75e68dc38e8acc1 32B / 32B              12.0
 => => sha256:6fd0c1bf3b91f3d5955127ae04e988a24bffa39caf45d2677f6159e2e68b7feb 572B / 572B            20.1
 => => extracting sha256:8f865c3d417cb3677441d4c527cd0c664e090ae51f7e5c837fdcf63f9863b0cb              0.1
 => => extracting sha256:74c736b00471cb302d7ede535b8eeb79a325fb394536cc0de4daf758d8bfafda              0.6
 => => extracting sha256:928f5dbb5007e0a861e1dcc501806c042cf72546bf08d55c9812758f9df3b93f              0.0
```

```
[root@dev adhamdockers]# docker run -it -d --name redis_cont -p 4455:6379 -v /adhamdockers:/cont5 redis_img
086e7f01aee16b5e4617bda61f037543317a981bc20f6a5c56ee84e7c064a7f7
[root@dev adhamdockers]#
```

```
[root@dev adhamdockers]# docker exec -it redis_cont bash
root@086e7f01aee1:/redis_app# cd /cont5
root@086e7f01aee1:/cont5# ls
Dockerfile    app.py        nodeapp.js        storage-bind        storge4website
Dockerfile2   index.html    save_perm_dirc    storage4website
root@086e7f01aee1:/cont5#
root@086e7f01aee1:/cont5# exit
exit
```

```
[root@dev adhamdockers]# docker exec -it redis_cont redis-cli
127.0.0.1:6379> SET user:1 "adham abdein"
OK
127.0.0.1:6379> GET user:1
"adham abdein"
127.0.0.1:6379>
127.0.0.1:6379>
127.0.0.1:6379> exit
```

```
[root@dev adhamdockers]# docker exec -it redis_cont bash
root@086e7f01aee1:/redis_app# ls /
bin    cont5   dev   home   lib64   mnt   proc        root   sbin   sys   usr
boot   data    etc   lib    media   opt   redis_app   run    srv    tmp   var
```

```
[root@dev adhamdockers]# docker ps
CONTAINER ID   IMAGE        COMMAND              CREATED         STATUS         PORTS
                           NAMES
086e7f01aee1   redis_img    "docker-entrypoint.s…"   9 minutes ago   Up 8 minutes   0.0.0.0:4455->6379/tcp,
:]:4455->6379/tcp    redis_cont
[root@dev adhamdockers]#
[root@dev adhamdockers]# docker images
REPOSITORY               TAG       IMAGE ID       CREATED         SIZE
redis_img                latest    50cfc79eb4e7   20 minutes ago  117MB
nodeimg                  latest    8cbd690d2913   45 hours ago    909MB
adhampython-app-image    latest    de103994e0ca   4 days ago      137MB
postgres                 latest    80cbdc6c3301   6 days ago      435MB
mysql                    latest    56a8c14e1404   6 weeks ago     603MB
nginx                    latest    60c8a892f36f   8 weeks ago     192MB
alpino_adhamm            latest    33d3b511411e   2 months ago    7.8MB
alpine_hello             latest    33d3b511411e   2 months ago    7.8MB
alpino_adham             latest    33d3b511411e   2 months ago    7.8MB
hello-world              latest    d2c94e258dcb   19 months ago   13.3kB
```